SEQUENCE LISTING

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<110> Tanox, Inc.
<120> HUMAN MAST CELL-EXPRESSED MEMBRANE PROTEINS
<130> TNX0201
<150> USP 60/345,909
<151> 2002-01-03
<160> 12
<170> PatentIn version 3.1
<210> 1
<211> 1750
<212> DNA
<213> Human Mast Cell
<220>
<221> CDS
<222> (455)..(1018)
<223> Coding Sequence, including stop codon
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ttctcttttg aaatggagag gaggtaggag ggtgaggtcc atccaggtag acacagacac    180
acacagagac cacagcttcc tgtaacattt ccgagtgtcg aattccatct cccggtctag    240
aggtttttct tcttggtcct tcctgagacc tcttggctcc caagagcctc ttgatcgggg    300
caggaatgag ggtgccccag ggtgcgagag tcgtggatcc ctgaaaagag gaggctgctc    360
cccctctttc ttccccccac ctccagattt cctcatctgc ccacaccttc cggtgggcgg    420
ggacgtgtat ggacaaattt gcgggctggg gacc atg gaa gtg gag gaa atc tac    475
                                    Met Glu Val Glu Glu Ile Tyr
                                    1               5
aag cac cag gaa gtc aag atg caa gca cca gcc ttc agg gac aag aaa      523
Lys His Gln Glu Val Lys Met Gln Ala Pro Ala Phe Arg Asp Lys Lys
        10                  15                  20
cag ggg gtc tca gcc aag aat caa ggt gcc cat gac cca gac tat gag      571
Gln Gly Val Ser Ala Lys Asn Gln Gly Ala His Asp Pro Asp Tyr Glu
    25                  30                  35
aat atc acc ttg gcc ttc aaa aat cag gac cat gca aag ggt ggt cat      619
Asn Ile Thr Leu Ala Phe Lys Asn Gln Asp His Ala Lys Gly Gly His
40                  45                  50                  55
tca cga ccc acg agc caa gtc cca gcc cag tgc agg ccg ccc tca gac      667
Ser Arg Pro Thr Ser Gln Val Pro Ala Gln Cys Arg Pro Pro Ser Asp
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                60                  65                  70
tcc acc cag gtc ccc tgc tgg ttg tac aga gcc atc ctg agc ctg tac      715
Ser Thr Gln Val Pro Cys Trp Leu Tyr Arg Ala Ile Leu Ser Leu Tyr
            75                  80                  85
atc ctc ctg gcc ctg gcc ttt gtc ctc tgc atc atc ctg tca gcc ttc      763
Ile Leu Leu Ala Leu Ala Phe Val Leu Cys Ile Ile Leu Ser Ala Phe
        90                  95                  100
atc atg gtg aag aat gct gag atg tcc aag gag ctg ctg ggc ttt aaa      811
Ile Met Val Lys Asn Ala Glu Met Ser Lys Glu Leu Leu Gly Phe Lys
    105                 110                 115
agg gag ctt tgg aat gtc tca aac tcc gta caa gca tgc gaa gag aga      859
Arg Glu Leu Trp Asn Val Ser Asn Ser Val Gln Ala Cys Glu Glu Arg
120                 125                 130                 135
cag aag aga ggc tgg gat tcc gtt cag cag agc atc acc atg gtc agg      907
Gln Lys Arg Gly Trp Asp Ser Val Gln Gln Ser Ile Thr Met Val Arg
                140                 145                 150
agc aag att gat aga tta gag acg aca tta gca ggc ata aaa aac gtt      955
Ser Lys Ile Asp Arg Leu Glu Thr Thr Leu Ala Gly Ile Lys Asn Val
            155                 160                 165
gac aca aag gta cag aaa atc ttg gag gtg ctg cag aaa atg cca cag     1003
Asp Thr Lys Val Gln Lys Ile Leu Glu Val Leu Gln Lys Met Pro Gln
        170                 175                 180
tcc tca cct caa taa atgagaggac attgtggcag ccaaagccac aacttggaag     1058
Ser Ser Pro Gln
    185
atggggctgc acctgccaac gaagacggga aatgaccccc cccccagcct agtgtgaacc   1118
tgcccctcgt cccacgtata gaaaaacctc gagtcatggt gaatgagtgt ctcggagttg   1178
ctcgtgtgtg tgtacacctg cgtgcgtgtg tgtgcgtgtg tgcgcgtgtg ttcgtgtgtg   1238
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tttgtgtaaa catactagag tatactgcgg cgtgttttct gtctacccat gtcatggtgg   1538
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gggtgaacgg ctgtgtcatt atgagtgtgc cgagttatgc caccctgtgt gctcagggca   1658
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caagggaaaa aaaaaaaaaa aaaaaaaaaa aa                                  1750
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<210> 2
<211> 187
<212> PRT

<213> Human Mast Cell
<400> 2

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Pro Ala Phe Arg Asp Lys Lys Gln Gly Val Ser Ala Lys Asn Gln Gly
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Ala His Asp Pro Asp Tyr Glu Asn Ile Thr Leu Ala Phe Lys Asn Gln
        35                  40                  45
Asp His Ala Lys Gly Gly His Ser Arg Pro Thr Ser Gln Val Pro Ala
    50                  55                  60
Gln Cys Arg Pro Pro Ser Asp Ser Thr Gln Val Pro Cys Trp Leu Tyr
65                  70                  75                  80
Arg Ala Ile Leu Ser Leu Tyr Ile Leu Leu Ala Leu Ala Phe Val Leu
                85                  90                  95
Cys Ile Ile Leu Ser Ala Phe Ile Met Val Lys Asn Ala Glu Met Ser
            100                 105                 110
Lys Glu Leu Leu Gly Phe Lys Arg Glu Leu Trp Asn Val Ser Asn Ser
        115                 120                 125
Val Gln Ala Cys Glu Glu Arg Gln Lys Arg Gly Trp Asp Ser Val Gln
    130                 135                 140
Gln Ser Ile Thr Met Val Arg Ser Lys Ile Asp Arg Leu Glu Thr Thr
145                 150                 155                 160
Leu Ala Gly Ile Lys Asn Val Asp Thr Lys Val Gln Lys Ile Leu Glu
                165                 170                 175
Val Leu Gln Lys Met Pro Gln Ser Ser Pro Gln
            180                 185
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<213> Human
<400> 3
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<210> 4
<211> 23
<212> DNA
<213> Human
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tagacagaaa acacgccgca gta 23

<210> 5
<211> 25
<212> DNA
<213> Human
<400> 5
gaccatggaa gtggaggaaa tctac 25

<210> 6
<211> 19
<212> DNA
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gcaggtgcag ccccatctt 19

<210> 7
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<212> DNA
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<210> 8
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<213> Human
<400> 8
ttgaggtgag gactgtggca ttt 23

<210> 9
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<212> DNA
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<210> 10
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<212> DNA
<213> Human
<400> 10
ccaccgtgac atgccgagac t 21

<210> 11
<211> 53
<212> DNA
<213> Human
<400> 11
caccatggac tacaaagacg atgacgacaa ggaagtggag gaaatctaca agc 53

<210> 12
<211> 23
<212> DNA
<213> Human
<400> 12
ttgaggtgag gactgtggca ttt 23